

FIG. 1 is a schematic cross-sectional view of a fuel cell assembly 10, showing a stack of fuel cell units 12. The fuel cell units 12 are separated by gas distribution manifolds 14. The fuel cell units 12 include an anode 16, a cathode 18, and an electrolyte 20. The gas distribution manifolds 14 are configured to distribute reactant gases to the fuel cell units 12. The assembly 10 is shown in a cross-sectional view along a line 1-1, with a corresponding detail view 13-2 shown in a larger scale.

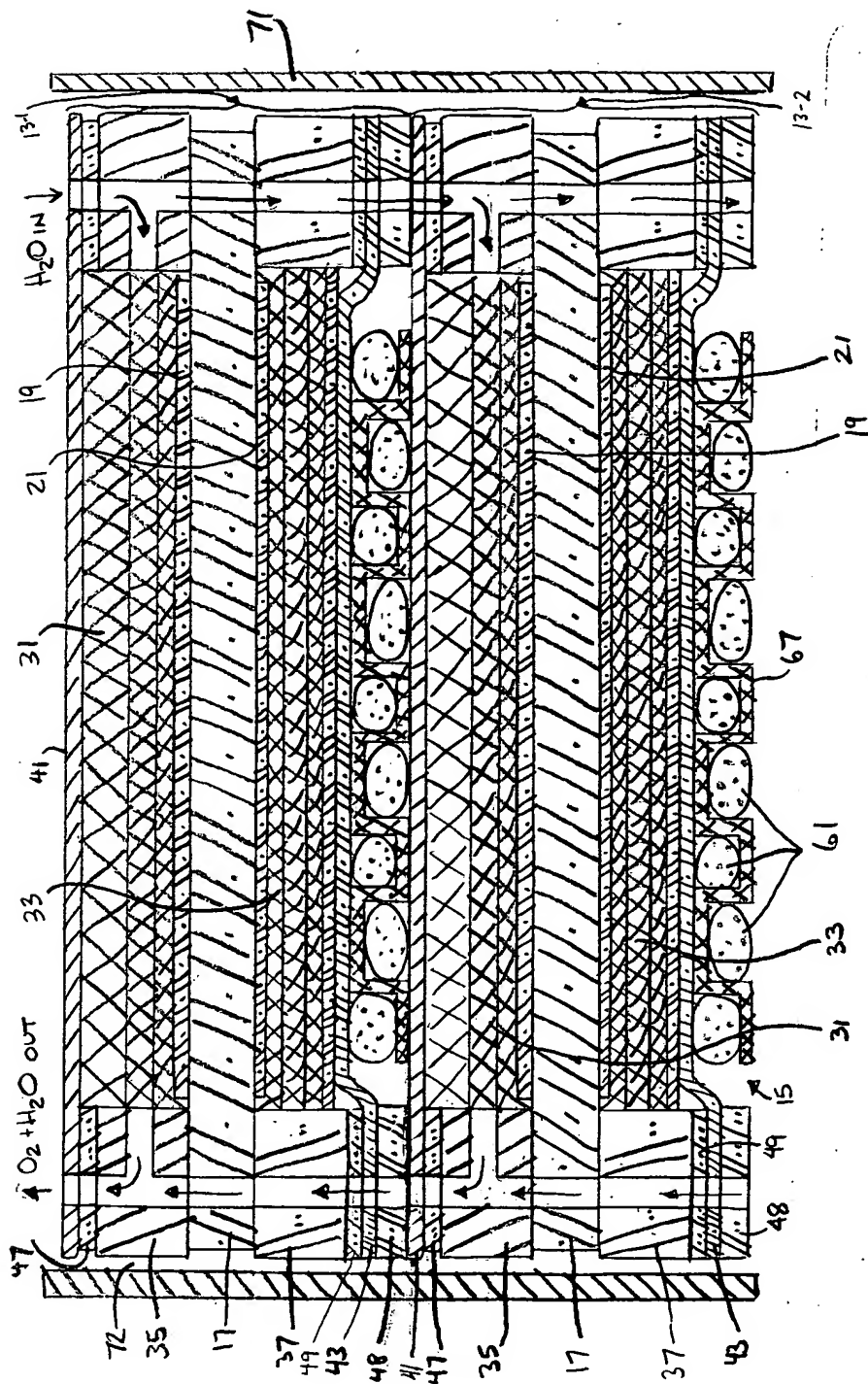


Fig. 1

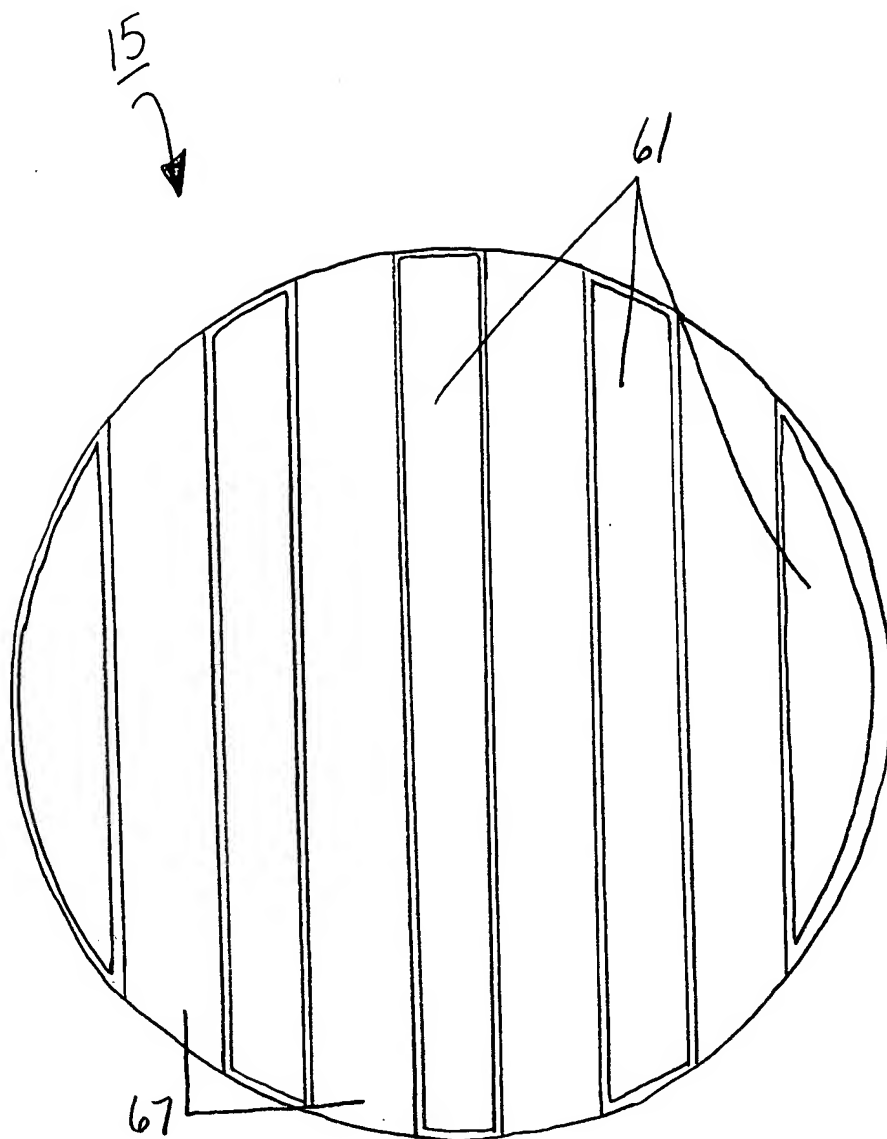


Fig. 2



FIG. 4 is a cross-sectional view of the device of FIG. 1, taken along line 4-4 of FIG. 1, showing the internal structure of the device, including the fuel cell stack, the air supply system, and the water management system.

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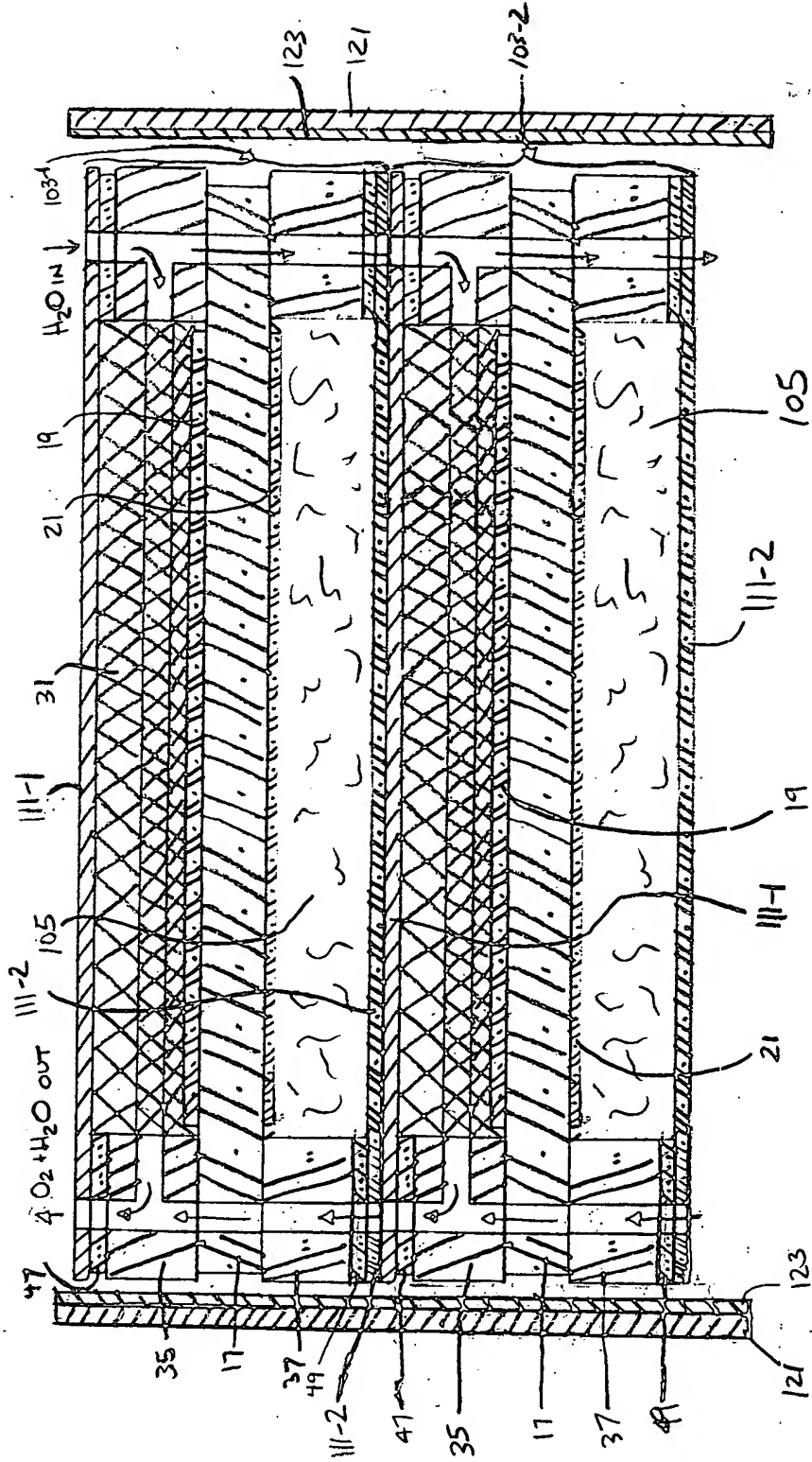


Fig. 4

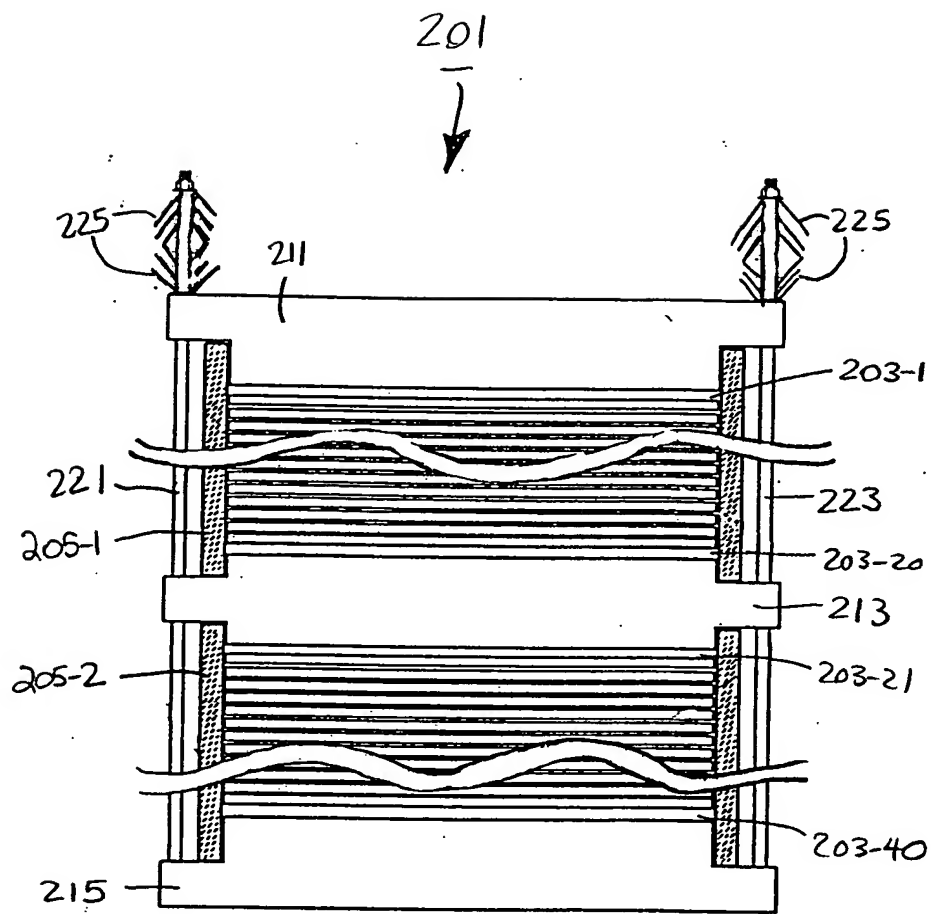


Fig. 5

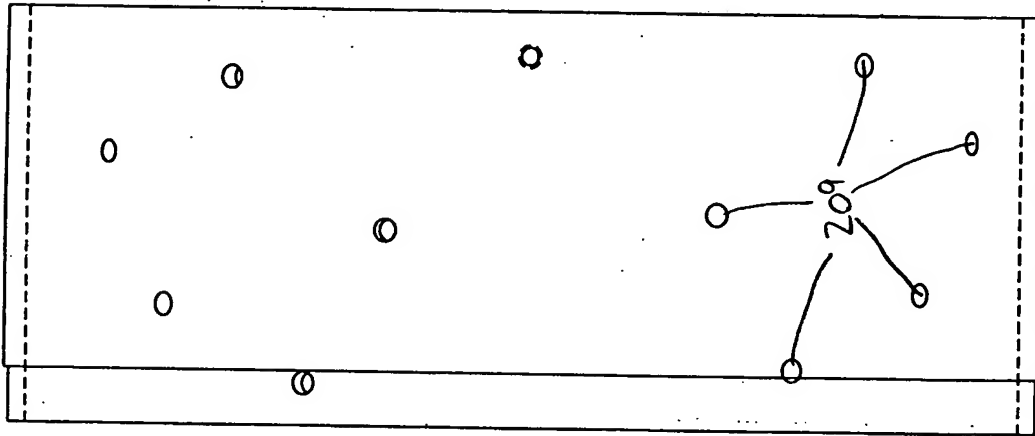


Fig. 6(a)

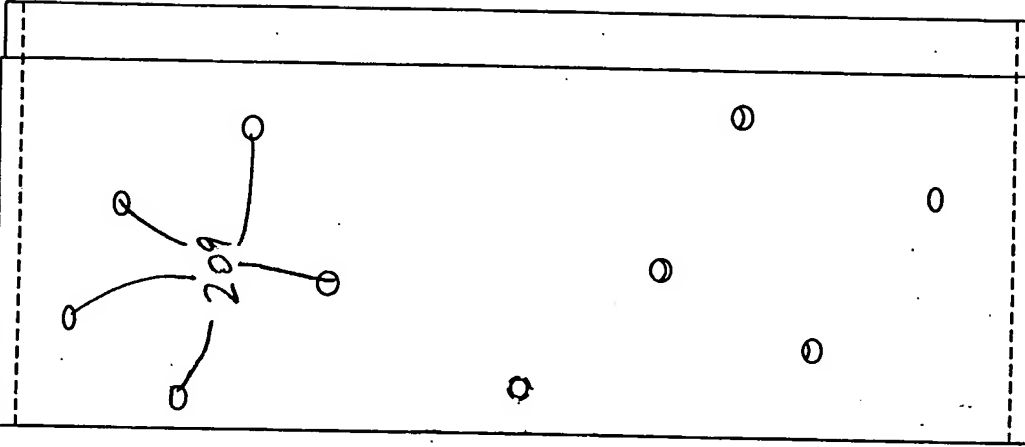


Fig. 6(b)